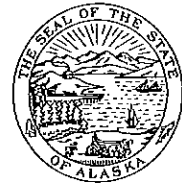




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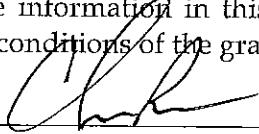


**Denali Training Fund - Youth Program
Quarterly Progress Report**

Funds for this project are provided by the Denali Commission and the USDOL and managed, in partnership, by the Alaska Department of Labor and Workforce Development.

Name of Organization:	Renewable Energy Alaska Program / 11-302
Name of Project:	Renewable Energy - Wind Training
Reporting Period:	10/1/11 - 12/31/11
Contact Name:	Hannah Gustafson
Contact Number:	907-317-2050

Certification: I certify that the information in this report is current, correct and true and in accordance with the terms and conditions of the grant agreement.

Signed by: Chris Rose  Dated: January 24, 2012

The performance of this grant will be based upon the success achieved in relation to the goals established and approved by the Alaska Department of Labor, and will be reported in the Grantee's quarterly progress reports. Specific goals and objectives for this project are:

The grant recipient will partner with the Alaska Center for Renewable Energy and Power's Wind Diesel Application Center (WiDAC) and Susitna Energy Systems to develop training opportunities for 140 of Alaska's young adults through the Department of Energy's (DOE) Wind for School Program (AK WfS).

This project will develop the local and regional capacity to deploy, operate and maintain sustainable renewable energy systems. This grant will support engagement and education of 16-24 year olds in the hub villages of Kotzebue, Bethel, Nome, Dillingham and their surrounding villages.

The AK WfS Program is a part of a national DOE program. The goals of AK WfS are to spark interest in renewable energy, math, and science, to help communities with existing

wind-diesel systems incorporate wind energy curriculum in to their school(s), and to give Alaskans the tools to be able to make sustainable energy decisions.

The WiDAC Training Hubs (enable regional hubs to maintain the WfS wind turbine systems) will be ongoing throughout the course of the project with most activities taking place during the summer months.

The WiDAC College WfS Program will be ongoing and most of the activities will occur during the fall as participants help prepare for the Skystream and/or anemometer installations.

The 16-18 year old participants will come from the High School science classes in the four hub villages. The 19-24 year old participants in the WiDAC Regional Hub Training and College Program will be open to all interested and not be restricted unless there is competition for funding. In this case, the participants will be chosen based on background skills and their plans for remaining in their rural community.

Grant Recipient will provide training to the participants as follows:

High School Wind for Schools Program (ages 16-18) 125 participants
WiDAC Training Hub Wind for Schools Program (ages 19-24) 10 participants
WiDAC College Wind for Schools Program (ages 19-24) 5 participants

TARGET POPULATION: 140 - participants (Age 16- 24)

Participants served to date: 84

GOALS/OBJECTIVES ACCOMPLISHED TO DATE:

Please provide the number of participants served to date in the table below.
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Goal 1: To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition in to Alaska's workforce.

Goal 1 **To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition from high school to Alaska's workforce.**

Objective 1.1 By June 30, 2011, 125 high school students will be reached by the program.

Objective 1.2 By June 30, 2011, 10 students will participate in the WiDAC Training Hub Wind for Schools program.

Objective 1.3 By June 30, 2011, 5 students will participate in the WiDAC College Wind for Schools program.

Goals & Obj.		Outcome	# Participants Completing Goal	Participants Served to Date	Documentation
1	1	Participants will be reached by the Wind for Schools program	125	66	Participant attendance roster.
	2	Students will participate in the WiDAC Training Hub Wind for Schools program.	10	13	Participant attendance roster.
	3	Students will participate in the WiDAC college Wind for Schools program.	5	5	Participant attendance roster.

NARRATIVE OF SERVICES:

Provide a brief narrative of services provided this quarter by applicable Goal/Objective.

- Goal 1** To improve employability skills of rural youth through hands-on learning experiences, workforce readiness skills, and teamwork to prepare them for successful transition from high school to Alaska's workforce.
- Objective 1.1** By June 30, 2011, 125 high school students will be reached by the program.
- Objective 1.2** By June 30, 2011, 10 students will participate in the WiDAC Training Hub Wind for Schools program.
- Objective 1.3** By June 30, 2011, 5 students will participate in the WiDAC College Wind for Schools program.

ACCOMPLISHMENTS: SUCCESS STORIES:

Provide a narrative of participant successes resulting from participation in your program. Please include photos via separate attachment, 3 photos per training session required.

This final quarter consisted of reaching more than 50% of the high school students defined above in Objective 1.1.

On November 18, 2011 Alaska Center for Energy and Power's RJ Steven and Kimberley Maher spent the day with all of the science classes at Mt. Edgecumbe High School in Sitka. Mt Edgecumbe is one of the official Wind for Schools sites that already has a turbine installed so this was a great opportunity to partner with teacher Matt Hunter on bringing further instruction into the classroom.

Alaska Center for Energy and Power's classroom visit entailed three different components:

1. A multi-media presentation that highlighted further wind energy educational opportunities available both to high school students and after graduation (including the annual KidWind Design Challenge, the Wind for Schools program, modules at the Alaska Summer Research Academy, UAF Bristol Bay campus's Sustainable Energy program, UAF's process technology program, and UAF's engineering program).
2. Hands on activities with exposure to solar panels (and accessories that could be hooked up to them), wind turbines, and a hydrogen fuel cell car.
3. A lecture on how solar panels and hydrogen fuel cells work including an explanation on how mechanical energy is turned into AC and DC electrical energy.

The students were very excited to have the guest instructors and they were very engaged throughout the lecture and hands-on activities. Please find photos of the classroom activities attached. Due to the fact that Mt. Edgecumbe High School is a boarding school, it was not possible to get photo releases signed by all of the parents. If needed, a photo release letter can be acquired from the school on behalf of all of the students.

PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD:

Describe the grant activities you expect to complete during the next quarter.

There are no further activities planned as this grant is now complete.

ON TIME AND ON BUDGET:

Are the grant activities progressing as planned? Are you within your budget? If not, what is the cause? What is the solution? How can we help?

This grant was completed well under budget.

DEMOGRAPHIC DATA:

List the number of participants, the age groups, the school the activities took place (list community if not at a school), the number of participants in school, the number of participants that are not in school and the training dates.

# OF YOUTH	# OF 16 - 18 YEAR OLDS	# OF 19 - 24 YEAR OLDS	SCHOOL OR COMMUNITY	# YOUTH IN SCHOOL	# YOUTH OUT OF SCHOOL	TRAINING DATES
6	-	6	Dillingham	-	6	April 15-17
7	2	5	Nome	2	5	June 24-26
5	-	5	Kotzebue	-	5	September 9-11
-	-	-	Bethel	-	-	September 23-25
66	64	2	Sitka	66	-	November 18

STATISTICAL DATA:

Please complete the table below as applicable.

By Quarter	Career Guides Activities & Exploration	Youth Employ - ability Skills	Work Experiences	Academic Training	Apprenticeship and Pre- Apprenticeship
01/1 - 03/31	-	-	-	-	
04/1 - 06/30	Yes	Yes	Yes	Yes	No
07/1 - 09/30	Yes	Yes	Yes	Yes	No
10/1 - 12/31	Yes	Yes	No	Yes	No

Please note: The data collected in your Quarterly Progress Report provides vital information that can have a direct impact on future funding for our grant programs. Forwarding your success stories and photos as part of our requests is further evidence of how rural youth training is crucial to building a strong workforce for Alaska. Thank you in advance for your cooperation.